

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 246 | "704"/\$.ccls. and (finite near3 state near3 machine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/03 11:18 |
| L2 | 19 | "704"/\$.ccls. and (finite near3 state near3 machine) and mohri | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/03 11:49 |
| L3 | 2921 | 704/257.ccls. 704/255.ccls. 704/251.ccls. 704/256.ccls. 704/1. ccls. 704/9.ccls. 704/10.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/03 11:50 |
| S1 | 63 | epsilon near3 removal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/29 17:51 |
| S2 | 11 | epsilon near3 removal and "704"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/29 17:52 |
| S3 | 11 | ((empty near2 state) epsilon) near3 removal and "704"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 09:15 |
| S4 | 12 | ((empty near2 state) epsilon) near3 removal and (finite\$state (finite near2 state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/29 18:03 |
| S5 | 17 | ((empty near2 (string state)) epsilon) near3 remov\$4 and (finite\$state (finite near2 state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 10:30 |
| S6 | 1 | 09/892874 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/29 18:19 |
| S7 | 3 | 08/781368 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/29 18:37 |
| S8 | 4 | ((empty near2 (string state)) epsilon) near3 delet\$4) and (finite\$state (finite near2 state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 09:21 |
| S9 | 10 | ((empty near2 (string state)) epsilon) near3 reduc\$5) and (finite\$state (finite near2 state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 09:22 |

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| S10 | 30 | (E near3 remov\$4) and (finite\$state (finite near2 state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 09:51 |
| S11 | 361 | remov\$5 near4 epsilon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 09:51 |
| S12 | 13 | remov\$5 near4 epsilon and automata | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 09:57 |
| S13 | 3 | remov\$5 near4 epsilon and FSM | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 10:14 |
| S14 | 0 | (remov\$5 near4 (empty near4 (state string))) and FSM | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 10:15 |
| S15 | 1 | (remov\$5 near4 (empty near4 (state string))) and (finite near3 state) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/30 10:15 |
| S16 | 4226 | ((empty near2 (string state)) epsilon) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 10:32 |
| S17 | 4111 | ((empty near2 (string state)) epsilon) and ((finite near3 state near4 machine) transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 10:32 |
| S18 | 73 | ((remov\$4 eliminat\$4 delet\$4 combin\$6) near5 ((empty near2 (string state)) epsilon)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 11:18 |
| S19 | 91 | ((shar\$4 combin\$6 near5 (transition cost)) same ((empty near2 (string state)) epsilon)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 11:18 |
| S20 | 20 | ((shar\$4 combin\$6) near5 (transition cost)) same ((empty near2 (string state)) epsilon)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 13:16 |

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| S21 | 89 | ((shar\$4 add\$4) near5 ((empty near2 (string state transition)) epsilon)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 11:19 |
| S22 | 24 | ((add\$4) near5 (transition cost)) same ((empty near2 (string state)) epsilon)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 13:41 |
| S23 | 230 | ((final output outgoing) near5 (transition state)) with (epsilon empty null)) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 14:29 |
| S24 | 8 | (epsilon near5 closure) and ((finite near3 state near4 machine) automaton transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 14:42 |
| S25 | 4 | (epsilon near5 closure) and ((finite near3 state near4 machine) automata) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 14:38 |
| S26 | 1 | (epsilon\$removal) and ((finite near3 state near4 machine) automaton automata transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:42 |
| S27 | 203 | "van noord" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 15:08 |
| S28 | 3 | "van noord" near3 gertjan | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 15:08 |
| S29 | 31 | floyd near6 warshall | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 10:09 |
| S30 | 0 | (weight\$4 near4 transition) and ((finite near3 state near4 machine) automaton automata transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 10:58 |
| S31 | 201 | (weight\$4 near4 transition) and ((finite near3 state near4 machine) automaton automata transducer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 10:58 |

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| S32 | 20 | ((weight\$4 near4 transition) and ((finite near3 state near4 machine) automaton automata transducer)) and (linguistic semantic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:25 |
| S33 | 13 | ((topological near6 order) and ((finite near3 state near4 machine) automaton automata transducer)) and (linguistic semantic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:29 |
| S34 | 3 | ((reverse near6 topological near6 order) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:32 |
| S35 | 31137 | ((reverse) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:32 |
| S36 | 1900 | ((reverse near4 order) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:34 |
| S37 | 0 | ((reverse near4 order) with (shortest near4 distance)) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:33 |
| S38 | 0 | ((reverse near4 order) same (shortest near4 distance)) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:35 |
| S39 | 13 | ((reverse near4 order) and (shortest near4 distance)) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:34 |
| S40 | 15 | ((reverse near6 order) with (sort\$4)) and ((finite near3 state near4 machine) automaton automata transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 12:36 |
| S41 | 1 | (epsilon\$removal) and (lattice) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 16:26 |
| S42 | 11 | mehryar near3 mohri and transducer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 16:29 |

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| S43 | 1590 | 704/255.ccls. 704/266.ccls. 704/9.ccls. 704/1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 16:48 |
| S44 | 1 | 09/825792 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/01 16:48 |
| S46 | 49 | ((empty null epsilon) near6 (delet\$6 remov\$6 cancel\$5 eras\$4)) and ((finite near5 state near4 (automata automaton)) fsa) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 13:58 |
| S47 | 1 | S46 and (cross near4 multipl\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 09:18 |
| S48 | 67 | ((empty null epsilon) near6 (delet\$6 remov\$6 cancel\$5 eras\$4)) and ((automata automaton)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 10:17 |
| S49 | 739 | ((empty null epsilon) near6 (delet\$6 remov\$6 cancel\$5 eras\$4)) and ((transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 10:21 |
| S50 | 21 | ((empty null epsilon) near6 (delet\$6 remov\$6 cancel\$5 eras\$4)) and ((finite near3 transducer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 10:23 |
| S51 | 650 | ((multi-layer multilayer) near4 perceptron) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 11:16 |
| S52 | 87 | ((multi-layer multilayer) near4 perceptron) and "704"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 11:17 |
| S53 | 6 | ((multi-layer multilayer) near4 perceptron) and (empty null epsilon) near6 (remov\$4 delet\$6 eras\$4 add\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 11:19 |
| S54 | 5 | ((multi-layer multilayer) near4 perceptron) near6 (reduc\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 12:09 |
| S55 | 12 | ((multi-layer multilayer) near4 perceptron) with (reduc\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 12:16 |

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| S56 | 92 | ((multi-layer multilayer) near4 perceptron) and ((multiply add\$4 modif\$7) near5 (state node)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:42 |
| S57 | 11 | ((multi-layer multilayer) near4 perceptron) and ((empty null epsilon) near5 (state node)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 12:41 |
| S58 | 76 | (automaton automata) and ((multiply add\$4 modif\$7) near5 (state node)) same (empty null epsilon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 13:28 |
| S59 | 4 | ((empty null epsilon) near6 (remov\$4)) and ((finite near5 state near4 (automata automaton)) fsa) and (depth-first (depth near3 first)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:00 |
| S60 | 5 | ((empty null epsilon) near6 (remov\$4)) and (automata automaton) and (depth-first (depth near3 first)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:21 |
| S61 | 16 | ((empty null epsilon) near6 (delet\$6 replac\$5 eras\$5)) and (automata automaton) and (depth-first (depth near3 first)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:30 |
| S62 | 5 | ("5920490" "6077304" "6182258" "6212667" "6427223").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/27 14:29 |
| S63 | 275 | (epsilon) and (automata automaton) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:33 |
| S64 | 29 | (epsilon) and (automata automaton) and closure | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:33 |
| S65 | 4 | ((multi-layer multilayer) near4 perceptron) and ((multiply add\$4 modif\$7) near5 (transition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:43 |
| S66 | 148 | (automaton automata) and ((multiply add\$4 modif\$7) near5 (transition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 16:13 |
| S67 | 20 | (automaton automata) and (((multiply add\$4 modif\$7) near5 (transition)) same (null empty epsilon)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:52 |

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| S68 | 9 | (automaton automata) and (((replac\$4 calculat\$6 edit\$5) near5 (transition)) same (null empty epsilon)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 14:52 |
| S69 | 64 | (automaton automata) and ((multiply add\$4 modif\$7) near5 (weight)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 16:13 |
| S70 | 87 | (automaton automata) and ((multipl\$6 add\$4 modif\$7) near5 (weight)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 16:14 |
| S71 | 55 | (automaton automata) and ((multipl\$6 add\$4 modif\$7) near5 (weight)) and (null empty epsilon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/27 16:14 |